

Amendments to the Specification

Please replace the paragraph on Page 15, lines 5 - 14 with the following marked-up replacement paragraph:

-- The present invention solves the name space mismatch problem of the prior art by dynamically and automatically learning the file name-to-URL mapping for content cached by a caching system. When an update notification or invalidation notification message arrives from a CMS and uses a file name, the caching system will now be able to consult its stored mapping to determine which URL or URLs are associated with that file name. The caching system can then retrieve the replacement content (in the case of an update notification) using the file name associated URL(s), and replace the content in cache storage. Subsequent requests for the URL(s) associated with the replaced content are then automatically served using the revised content. Similarly, in the case of an invalidation notification, the caching system will know which of its URLs should have their content invalidated even though that content has been identified by file name. --

Please replace the paragraph on Page 23, lines 6 - 11 with the following marked-up replacement paragraph:

-- Several alternative examples of the syntax used to ~~encode~~ specify the file name information at Block 840 are shown in Figs. 9A through 9F. The choice of syntax format for the response messages preferably mirrors the format used by a content caching system on the request messages to convey that [[is]] it is content distribution aware; alternatively, a different syntax format may be used by the parties for request messages and response messages, without deviating

from the scope of the present invention. —

Please replace the paragraph on Page 28, lines 9 - 14 with the following marked-up replacement paragraph:

— It should be noted that if a particular file name is associated with more than one URL in the caching system's mapping file name-to-URL mapping, then content requests for each of the URLs are preferably sent to the content server when processing an update notification, and the invalidation API is preferably invoked for each URL when processing an invalidation notification. If a domain name value is specified, then the update or invalidation may be limited to the content pertaining to that domain name. --

Please replace the paragraph on Page 31, lines 9 - 18 with the following marked-up replacement paragraph:

— While the preferred embodiments of the present invention have been described, additional variations and modifications in those embodiments may occur to those skilled in the art once they learn of the basic inventive concepts. In particular, the disclosed techniques may be adapted to resolve a name space mismatch between forms of content identification other than file names and URLs, and markup languages other than HTML and XML may be used for expressing content distribution information. Furthermore, while preferred embodiments presume that update and invalidation notifications originate from a CMS, the invention operates equivalently when such notifications originate from another source or sources. Therefore, it is intended that the appended claims shall be construed to include [[both]] the preferred embodiment

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embodiments and all such variations and modifications as fall within the spirit and scope of the invention. --

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